



All Exp Mtg
Dec. 8, 2008

NuMI-MINOS Status Report – Bob Zwaska

Horn 2 Replacement Status – through this morning

- Broken Horn 2 (PH2-01) surveyed in place, moved to workcell, surveyed in workcell removed from module, and placed in morgue
- Old striplines have been moved to interim storage in the target hall
- New stripline block is installed in chase
- New Horn 2 (PH2-02) attached to module in workcell, surveyed in workcell



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Horn 2 Replacement Status – Today

- New Horn 2 (PH2-02) moved to chase and surveyed in place
- Test pulsing was to begin this evening
 - Estimate for return of beam was evening, December 11
- ~ 3pm, found a short from horn to ground
- Investigations are underway
 - May be some small “bit of hair” shorting to shielding blocks
 - Horn will likely have to be moved back to workcell
 - Probably will put us 1-2 days behind Dec 11 schedule



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NEAR DETECTOR:

- Lost HV to the detector for ~ 4 hours due to ArgoNeuT installation activities
 - Movement of a MINOS rack was not coordinated, and it lost power during the movement.
 - Problem was fixed without damage
- Groundwater recirculation pump SP4 failed
 - Pump supplies groundwater for heat exchange with the LCW cooling water
 - Caused our magnet to shut down
 - Running now on the hot spare (SP5), and can run that way indefinitely
 - Pump SP4 will be replaced, so we will have a new spare

FAR DETECTOR:

- No problems
- 97.4% uptime for atmospheric neutrinos

Detectors are getting into smooth operation in anticipation of beam